ANALYTICAL REPORT

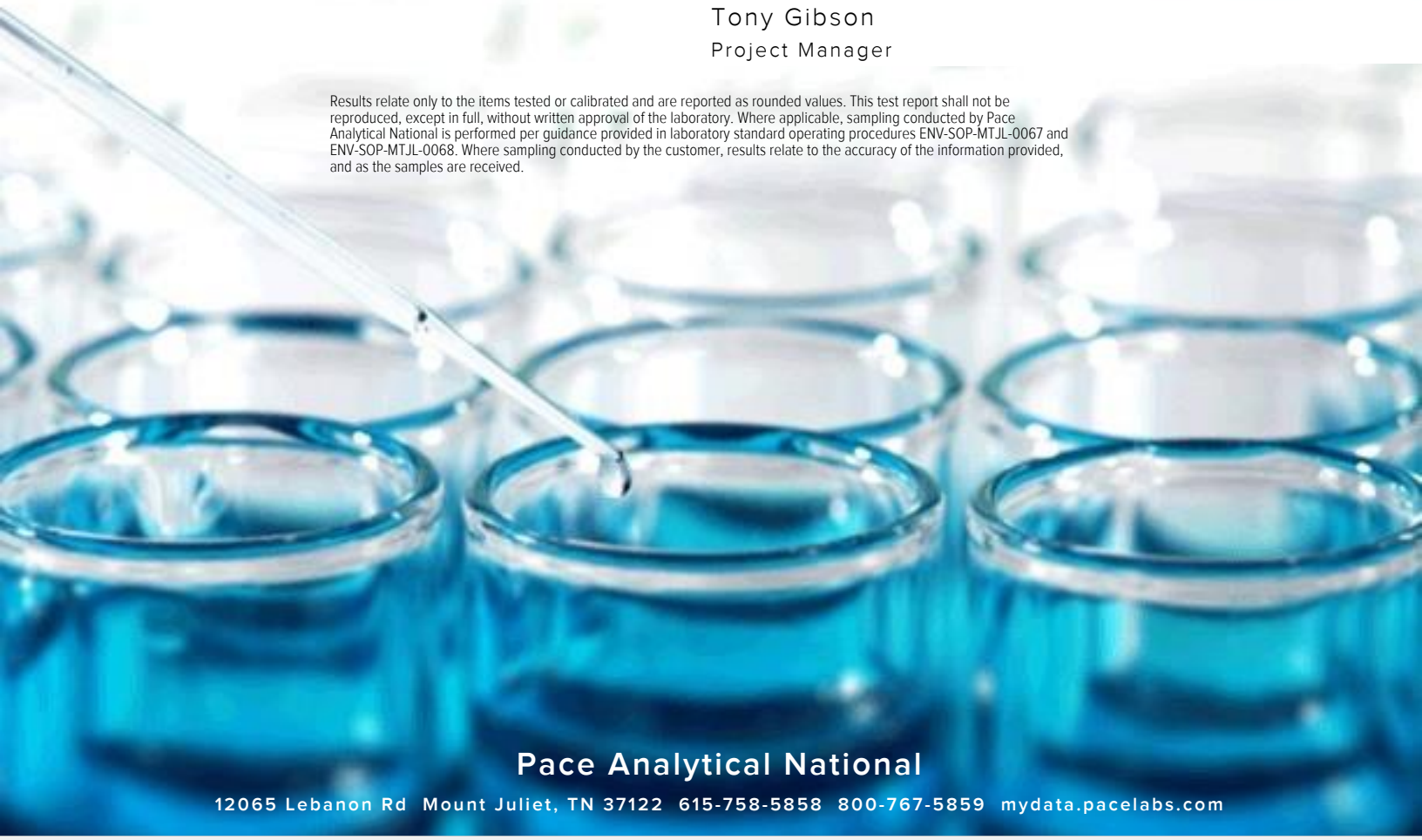
September 26, 2024

Soil Sage

Sample Delivery Group:	L1779049
Samples Received:	09/18/2024
Project Number:	CIV-CPW
Description:	CPW-ORGANIC MATTER (WALKEY BLACK)
Site:	CIV-CPW
Report To:	Judy Daniels 8323 Depew Way Arvada, CO 80003

Entire Report Reviewed By:

Tony Gibson
Project Manager



Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

CPW-331805-SOIL 11 L1779049-01 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	2	09/24/24 17:47	09/25/24 17:01	CAH	Mt. Juliet, TN

CPW-331805-TB-SOIL 12 L1779049-02 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:01	CAH	Mt. Juliet, TN

CPW-332761-SOIL 13 L1779049-03 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:03	CAH	Mt. Juliet, TN

CPW-415154-SOIL 14 L1779049-04 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	2	09/24/24 17:47	09/25/24 17:03	CAH	Mt. Juliet, TN

CPW-415157-SOIL 15 L1779049-05 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	2	09/24/24 17:47	09/25/24 17:03	CAH	Mt. Juliet, TN

CPW-423850-SOIL 16 L1779049-06 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:04	CAH	Mt. Juliet, TN

CPW-447280-SOIL 17 L1779049-07 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:05	CAH	Mt. Juliet, TN

CPW-447290-SOIL 18 L1779049-08 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:05	CAH	Mt. Juliet, TN

CPW-ROAD 1-SOIL 19 L1779049-09 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	2	09/24/24 17:47	09/25/24 17:07	CAH	Mt. Juliet, TN

CPW-ROAD 4-SOIL 20 L1779049-10 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:08	CAH	Mt. Juliet, TN

CPW-305223-SOIL 1 L1779049-11 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:08	CAH	Mt. Juliet, TN

CPW-305671-SOIL 2 L1779049-12 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:09	CAH	Mt. Juliet, TN

CPW-331251-SOIL 3 L1779049-13 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:09	CAH	Mt. Juliet, TN

CPW-331380-SOIL 4 L1779049-14 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:10	CAH	Mt. Juliet, TN

CPW-331381-SOIL 5 L1779049-15 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:10	CAH	Mt. Juliet, TN

CPW-331381-TB-SOIL 6 L1779049-16 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:11	CAH	Mt. Juliet, TN

CPW-331413-SOIL 7 L1779049-17 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:11	CAH	Mt. Juliet, TN

CPW-331413-TB-SOIL 8 L1779049-18 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	1	09/24/24 17:47	09/25/24 17:11	CAH	Mt. Juliet, TN

CPW-331414-SOIL 9 L1779049-19 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368985	2	09/24/24 17:47	09/25/24 17:12	CAH	Mt. Juliet, TN

CPW-331414-TB-SOIL 10 L1779049-20 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368986	2	09/24/24 17:47	09/25/24 18:01	CAH	Mt. Juliet, TN

CPW-ROAD 5-SOIL 21 L1779049-21 Solid

Collected by	Collected date/time	Received date/time
	09/11/24 00:00	09/18/24 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method WALKLEY-BLACK	WG2368986	2	09/24/24 17:47	09/25/24 18:02	CAH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Tony Gibson
Project Manager

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7140		200	2	09/25/2024 17:01	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
TOC By Walkley Black	4220	J6	100	1	09/25/2024 17:01	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5790		100	1	09/25/2024 17:03	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5210		200	2	09/25/2024 17:03	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5280		200	2	09/25/2024 17:03	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5160		100	1	09/25/2024 17:04	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7090		100	1	09/25/2024 17:05	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	6660		100	1	09/25/2024 17:05	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7480		200	2	09/25/2024 17:07	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7020		100	1	09/25/2024 17:08	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7290		100	1	09/25/2024 17:08	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	6860		100	1	09/25/2024 17:09	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5800		100	1	09/25/2024 17:09	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5190		100	1	09/25/2024 17:10	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	5220		100	1	09/25/2024 17:10	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7510		100	1	09/25/2024 17:11	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7160		100	1	09/25/2024 17:11	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	6610		100	1	09/25/2024 17:11	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	7890		200	2	09/25/2024 17:12	WG2368985

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	4590		200	2	09/25/2024 18:01	WG2368986

Wet Chemistry by Method WALKLEY-BLACK

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
TOC By Walkley Black	8990	J6	200	2	09/25/2024 18:02	WG2368986

Method Blank (MB)

(MB) R4124393-1 09/25/24 17:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TOC By Walkley Black	U		25.5	100

L1779049-08 Original Sample (OS) • Duplicate (DUP)

(OS) L1779049-08 09/25/24 17:05 • (DUP) R4124393-5 09/25/24 17:07

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	6660	6520	1	2.10		20

L1779049-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1779049-18 09/25/24 17:11 • (DUP) R4124393-6 09/25/24 17:12

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	6610	6690	1	1.18		20

Laboratory Control Sample (LCS)

(LCS) R4124393-2 09/25/24 17:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	4890	3940	80.7	75.0-144	

L1779049-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1779049-02 09/25/24 17:01 • (MS) R4124393-3 09/25/24 17:01 • (MSD) R4124393-4 09/25/24 17:02

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	4000	4220	7180	7160	74.2	73.6	1	80.0-120	J6	J6	0.304	20

Method Blank (MB)

(MB) R4124412-1 09/25/24 18:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TOC By Walkley Black	U		25.5	100

L1779049-20 Original Sample (OS) • Duplicate (DUP)

(OS) L1779049-20 09/25/24 18:01 • (DUP) R4124412-3 09/25/24 18:01

Analyte	Original Result mg/kg	DUP Result mg/kg	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
TOC By Walkley Black	4590	4710	2	2.76		20

Laboratory Control Sample (LCS)

(LCS) R4124412-2 09/25/24 18:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
TOC By Walkley Black	4890	3860	78.9	75.0-144	

L1779049-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1779049-21 09/25/24 18:02 • (MS) R4124412-4 09/25/24 18:02 • (MSD) R4124412-5 09/25/24 18:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TOC By Walkley Black	8000	8990	13900	12900	60.9	49.3	2	80.0-120	J6	J6	6.91	20

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003

Billing Information:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003
SOISAGACO
T260514/P1102719

Report to: **JUDY DANIELS**

Email To: **JUDY@SOILSAGE.COM**

Project Description: CPW-ORGANIC MATTER (WALKLEY BLACK)

City/State Collected: **CPW, CO**

Please Circle: PT MT CT ET

Phone: **3038851083**

Client Project # **CIV-CPW**

Lab Project #

Collected by (print): **SOIL SAGE**

Site/Facility ID # **CIV-CPW**

P.O. #

Collected by (signature): **SOIL SAGE - COOLER**

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00170033**

Date Results Needed: STD

No. of Cntrs

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TOC - WALKELY BLAK	Remarks	Sample # (lab only)
CPW-331805-SOIL 11		SS	8	11 SEP 24			X		-01
CPW-331805-TB-SOIL 12		SS	8	11 SEP 24			X		-02
CPW-332761-SOIL 13		SS	8	11 SEP 24			X		-03
CPW-415154-SOIL 14		SS	8	11 SEP 24			X		-04
CPW-415157-SOIL 15		SS	8	11 SEP 24			X		-05
CPW-423850-SOIL 16		SS	8	11 SEP 24			X		-06
CPW-447280-SOIL 17		SS	8	11 SEP 24			X		-07
CPW-447290-SOIL 18		SS	4	11 SEP 24			X		-08
CPW-ROAD 1-SOIL 19		SS	8	11 SEP 24			X		-09
CPW-ROAD 4-SOIL 20		SS	8	11 SEP 24			X		-10

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 177049
L-225

Acctnum:
Template:
Prelogin:
PM:
PB:
Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4102 9173 6631

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
J Daniels	17 Sep 24	1530	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	9-17-24	18:00	Fedex
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.7 °C Bottles Received: 1.7-2.6

Date: 9-18-24 Time: +8:00 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

09/18/24

Company Name/Address:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003

Billing Information:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003
SOISAGACO
T260514/P1102719

Report to: **JUDY DANIELS**

Email To: **JUDY@SOILSAGE.COM**

Project Description: CPW-ORGANIC MATTER (WALKLEY BLACK)

City/State Collected: **CPW, CO**

Please Circle: PT MT CT ET

Phone: **3038851083**

Client Project # **CIV-CPW**

Lab Project #

Collected by (print): **SOIL SAGE**

Site/Facility ID # **CIV-CPW**

P.O. #

Collected by (signature): **SOIL SAGE - COOLER**

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00170033**

Date Results Needed: STD

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TOC - WALKELY BLAK										Remarks	Sample # (lab only)
CPW-305223-SOIL 1		SS	4	11 SEP 24			X											-11
CPW-305671-SOIL 2		SS	4	11 SEP 24			X											-12
CPW-331251-SOIL 3		SS	4	11 SEP 24			X											-13
CPW-331380-SOIL 4		SS	8	11 SEP 24			X											-14
CPW-331381-SOIL 5		SS	4	11 SEP 24			X											-15
CPW-331381-TB-SOIL 6		SS	4	11 SEP 24			X											-16
CPW-331413-SOIL 7		SS	4	11 SEP 24			X											-17
CPW-331413-TB-SOIL 8		SS	4	11 SEP 24			X											-18
CPW-331414-SOIL 9		SS	8	11 SEP 24			X											-19
CPW-331414-TB-SOIL 10		SS	8	11 SEP 24			X											-20

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1779049

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4102 9173 6631

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Daniels	17 Sep 24	1530	
	9-17-24	18:00	Fedex
			Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.7 °C Bottles Received: 3 20

Date: 9-18-24 Time: 0845 ~~18:30~~ 9/18/24

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003

Billing Information:
SOIL SAGE
8323 DEPEW WAY
ARVADA, CO 80003
SOISAGACO
T260514/P1102719

Report to: **JUDY DANIELS**

Email To: **JUDY@SOILSAGE.COM**

Project Description: CPW-ORGANIC MATTER (WALKLEY BLACK)

City/State Collected: **CPW, CO**

Please Circle: PT MT CT ET

Phone: **3038851083**

Client Project # **CIV-CPW**

Lab Project #

Collected by (print): **SOIL SAGE**

Site/Facility ID #

P.O. #

Collected by (signature): **SOIL SAGE - COOLER**

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00170033**

Date Results Needed: STD

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1779049

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TOC - WALKLEY BLAK	Remarks	Sample # (lab only)
CPW-ROAD 5-SOIL 21		SS	8				X		-21
							X		
							X		
							X		
							X		
							X		
							X		
							X		
							X		
							X		

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4102 9173 6637

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
J Daniels	17Sep24	1530	
	9-17-24	18:00	Fedex
			Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.7 °C Bottles Received: 2.0

If preservation required by Login: Date/Time

Date: 9-18-24 Time: 0845 Hold:

Condition: NCF / OK

9/18/24